

### Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

#### Listing of Claims:

Claims 1-17 (canceled)

Claim 18 (previously presented): A machine-implemented method of binding sheets into bound text bodies having respective spines exposed for adhesive application and characterized by multiple length dimensions and multiple thickness dimensions, the method comprising:

assembling from multiple sheets a text body having a spine characterized by a length dimension and a thickness dimension;

dispensing a solid sheet adhesive across the thickness dimension of the spine of the assembled text body;

as the solid sheet adhesive is being dispensed, cutting the solid sheet adhesive to an effective width substantially corresponding to the length dimension of the spine of the assembled text body;

cutting the dispensed solid sheet adhesive to an effective length at least as long as the thickness dimension of the spine of the assembled text body.

Claim 19 (currently amended): A machine-implemented method of binding sheets into bound text bodies having respective spines exposed for adhesive application and characterized by multiple length dimensions and multiple thickness dimensions, the method comprising:

assembling from multiple sheets a text body having a spine characterized by a length dimension and a thickness dimension; and

dispensing across the thickness dimension of a the spine of the assembled text body spine multiple segments of solid sheet adhesive, wherein the dispensed segments of solid sheet adhesive extend along the length dimension of the spine of the assembled text body with a total having one of multiple effective widths sized to corresponding substantially to the

length dimension of the spine of the assembled text body spine, wherein ~~multiple segments of solid sheet adhesive are dispensed along the length dimension of the text body spine.~~

Claim 20 (canceled)

Claim 21 (currently amended): The method of claim 19, wherein the dispensing comprises dispensing across the thickness dimension of the assembled text body spine ~~dispensed multiple segments of solid sheet adhesive have~~ having different widths.

Claim 22 (currently amended): The method of claim 19, wherein the dispensing comprises dispensing across the thickness dimension of the assembled text body spine ~~dispensed multiple segments of solid sheet adhesive have~~ having equal widths.

Claim 23 (currently amended): The method of claim 19, wherein at least one of the solid sheet adhesive segments is dispensed across the thickness dimension of the assembled text body spine independently of the other ones of the solid sheet adhesive segments.

Claim 24 (currently amended): A machine-implemented method of binding sheets into bound text bodies having respective spines exposed for adhesive application and characterized by multiple length dimensions and multiple thickness dimensions, the method comprising:

dispensing across the thickness dimension of a text body spine solid sheet adhesive having one of multiple effective widths sized to correspond substantially to the length dimension of the text body spine, wherein multiple segments of solid sheet adhesive are dispensed along the length dimension of the text body spine; and

~~The method of claim 19, further comprising~~ obtaining indications of the length of each solid sheet adhesive segment remaining in a plug-in cartridge housing.

Claim 25 (previously presented): The method of claim 24, further comprising transmitting a warning message when any of the solid sheet adhesive segments is nearly spent.

Claim 26 (previously presented): The method of claim 19, wherein the multiple segments of solid sheet adhesive are dispensed along the length dimension of the text body spine simultaneously.

Claim 27 (previously presented): The method of claim 19, wherein the multiple segments of solid sheet adhesive are dispensed along the length dimension of the text body spine sequentially.

Claim 28 (currently amended): A method of binding sheets into bound text bodies having respective spines exposed for adhesive application and characterized by multiple length dimensions and multiple thickness dimensions, the method comprising:

~~The method of claim 27, further comprising~~ positioning a plug-in cartridge housing containing a roll of ~~the~~ a solid sheet adhesive at multiple locations along the length dimension of the text body spine; and

at each of the multiple locations, dispensing a respective segment of the solid sheet adhesive across the thickness dimension of the text body spine, wherein the multiple segments of the solid sheet adhesive are dispensed along the length dimension of the text body spine sequentially.

Claim 29 (previously presented): The system of claim 18, further comprising advancing the solid sheet adhesive beyond a cut location and cutting excess solid sheet adhesive to prepare a clean leading edge free of any previous cuts for a subsequent sheet binding.

Claim 30 (previously presented): The method of claim 29, further comprising storing the excess solid sheet adhesive cut from the solid sheet adhesive.

Claim 31 (previously presented): The method of claim 18, wherein the dispensed solid sheet adhesive comprises a hot melt adhesive, and further comprising melting the hot melt adhesive.

Claim 32 (previously presented): The method of claim 31, further comprising attaching a cover to the text body.

Claim 33 (currently amended): The method of claim 18, further comprising automatically dispensing the solid sheet adhesive across the thickness dimension of the spine of the ~~received~~ assembled text body without manual assistance.

Claim 34 (new): The method of claim 18, further comprising tacking the dispensed solid sheet adhesive to the text body spine at one or more locations before the cutting of the solid sheet adhesive to the effective length, and melting the dispensed solid sheet adhesive after the cutting of the solid sheet adhesive to the effective length.

Claim 35 (new): The method of claim 19, further comprising cutting the dispensed segments of solid sheet adhesive to an effective length at least as long as the thickness dimension of the spine of the assembled text body.

Claim 36 (new): The method of claim 35, further comprising tacking the dispensed segments of solid sheet adhesive to the text body spine at one or more locations before the cutting of the solid sheet adhesive to the effective length, and melting the dispensed solid sheet adhesive after the cutting of the solid sheet adhesive to the effective length.

Claim 37 (currently amended): The method of claim 19, further comprising automatically dispensing the segments of solid sheet adhesive across the thickness dimension of the spine of the assembled text body without manual assistance.